Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100717\
Data File : BM011973.D
Acq On : 07 Oct 2017 15:29
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02030

Quant Time: Oct 07 22:33:42 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	230376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	928014	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	531086	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1167091	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1271227	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1367679	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	39623	8.13	ng/uL	0.00
5) Phenol-d5	7.02	99	368878	18.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	224436	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	329366	20.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	305839	17.85	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	150844	22.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	170563	22.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	325293	21.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	379134	23.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	945579	20.54	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1160804	21.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	143661	17.87	ng/ul	0.00
57) Fluorene-d10	15.49	176	823148	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	147581	18.79	ng/ul	0.00
70) Anthracene-d10	17.34	188	1227684	21.35	ng/ul	0.00
76) Pyrene-d10	19.63	212	1331546	23.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1396217	21.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	41430	8.37	ng/uL#	69
4) Benzaldehyde	7.00	77	210054	21.27	ng/ul	91
6) Phenol	7.04	94	365345	18.63	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.27	93	279175	18.96	ng/ul	97
10) 2-Chlorophenol	7.42	128	321575	20.70	ng/ul	98
11) 2-Methylphenol	8.30	108	275809	18.49	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.39	45	359905	19.11	ng/ul#	87
14) Acetophenone	8.68	105	448829	17.90	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.66	70	239886	18.70	ng/ul#	69
16) 4-Methylphenol	8.63	108	302037	18.09	ng/ul	94
17) Hexachloroethane	8.93	117	134837	21.63	ng/ul	88
20) Nitrobenzene	9.06	77	343943	21.54	ng/ul	94
21) Isophorone	9.59	82	622515	20.91	ng/ul#	92
23) 2-Nitrophenol	9.77	139	174028	22.24	ng/ul#	76
24) 2,4-Dimethylphenol	9.83	107	347865	20.73	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.07	93	375798	20.56	ng/ul	94
27) 2,4-Dichlorophenol	10.31	162	312928	21.56	ng/ul	96
28) Naphthalene	10.71	128	968372	20.80	ng/ul	99
30) 4-Chloroaniline	10.82	127	362966	22.54	ng/ul	94
31) Hexachlorobutadiene	10.99	225	237094	22.26	ng/ul	94
32) Caprolactam	11.60	113	86232	18.12	ng/ul#	39
33) 4-Chloro-3-methylphenol	11.95	107	302957	19.20	ng/ul	92
34) 2-Methylnaphthalene	12.32	142	705056	19.86	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	408195	22.66	ng/ul	97
37) Hexachlorocyclopentadiene	12.66	237	164013	15.64	ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	263366	23.02	ng/ul	97
39) 2,4,5-Trichlorophenol	13.00	196	270676	22.47	ng/ul	98
40) 1,1'-Biphenyl	13.33	154	910149	21.43	ng/ul	99
41) 2-Chloronaphthalene	13.38	162	722659	21.75	ng/ul	98
42) 2-Nitroaniline	13.59	65	186131	22.07	ng/ul	91
44) Dimethylphthalate	13.95	163	905843	20.46	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	176988	21.20	ng/ul	92
47) Acenaphthylene	14.23	152	1128990	21.53	ng/ul	99
48) 3-Nitroaniline	14.41	138	158328	20.41	ng/ul	91
49) Acenaphthene	14.56	153	757760	20.88	ng/ul	100
50) 2,4-Dinitrophenol	14.63	184	86937	15.76	ng/ul	94
52) 4-Nitrophenol	14.72	109	118647	18.46	ng/ul#	81
53) Dibenzofuran	14.90	168	1080649	20.52	ng/ul	98
54) 2,4-Dinitrotoluene	14.87	165	254388	20.61	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.13	232	240850	20.48	ng/ul	92
56) Diethylphthalate	15.32	149	901858	20.07	ng/ul	95
58) Fluorene	15.55	166	874994	19.89	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.54	204	463823	19.94	ng/ul	97
60) 4-Nitroaniline	15.57	138	170958	18.92	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.63	198	149764	18.67	ng/ul	91
64) N-Nitrosodiphenylamine	15.76	169	746006	22.13	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	286307	21.90	ng/ul	97
66) Hexachlorobenzene	16.55	284	318418	21.79	ng/ul#	89
67) Atrazine	16.70	200	287207	21.52	ng/ul	96
68) Pentachlorophenol	16.90	266	187267	20.37	ng/ul	98
69) Phenanthrene	17.29	178	1325401	20.65	ng/ul	99
71) Anthracene	17.38	178	1385845	21.22	ng/ul	99
72) Carbazole	17.65	167	1128976	19.95	ng/ul	98
73) Di-n-butylphthalate	18.20	149	1529990	22.57	ng/ul#	98
74) Fluoranthene	19.30	202	1558840	19.90	ng/ul#	91
77) Pyrene	19.66	202	1613206	22.89	ng/ul#	89
78) Butylbenzylphthalate	20.55	149	688310	24.93	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.33	252	507549	21.45	ng/ul#	94
80) Benzo(a)anthracene	21.40	228	1648349	22.63	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1029008	25.05	ng/ul#	99
82) Chrysene	21.46	228	1531200	22.13	ng/ul	100
84) Di-n-octyl phthalate	22.22	149	1803203	22.57	ng/ul#	86
85) Benzo(b)fluoranthene	23.04	252	1747519	21.02	ng/ul#	97
86) Benzo(k)fluoranthene	23.09	252	1598553	19.26	ng/ul#	96
88) Benzo(a)pyrene	23.64	252	1701662	21.30	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.12	276	1991452	23.30	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.13	278	1673942	23.83	ng/ul#	94
91) Benzo(g,h,i)perylene	26.85	276	1681722	23.78	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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